

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention **A Method For Combining Communication Beams In A Wireless Communication System**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventors' certificate listed below and have also identified below any foreign application for patent or inventors' certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, we acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Provisional Application Serial No. 60/113,931 Filed December 24, 1998

20040624 011602

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

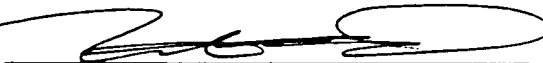
Samuel H. Dworetsky (Reg. No. 27873)
 Thomas A. Restaino (Reg. No. 33444)
 Jose de la Rosa (Reg. No. 34810)
 Michele L. Conover (Reg. No. 34962)
 Robert B. Levy (Reg. No. 28234)
 Alfred G. Steinmetz (Reg. No. 22971)

I also appoint Frank Pietrantonio (Reg. No. 32289) of Kenyon & Kenyon as associate attorney, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Please address all correspondence to Mr. S. H. Dworetsky, AT&T Corp., P.O. Box 4110, Middletown, New Jersey 07748. Telephone calls should be made to Frank. Pietrantonio by dialing 202-220-4200.

Full name of 1st joint inventor: Titus Lo

Inventor's signature



Date

4/21/89

Residence: Redmond, King County, Washington

Citizenship: Canada

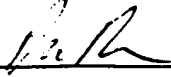
Post Office Address:

10501 181st Avenue NE
 Redmond, Washington 98052

20046243-011602

Full name of 2nd joint inventor: Dennis Rosenauer

Inventor's signature



Date

4/21/99

Residence: Redmond, King County, Washington

Citizenship: Canada

Post Office Address:

8500 148th Avenue NE, Apt. H3027
Redmond, Washington 98052

209TFO" E425400T

Full name of 3rd joint inventor: Douglas Frank Stolarz

Inventor's signature Douglas F. Stolarz Date 4/23/99

Residence: ~~Seattle, King County, Washington~~ Monmouth Beach, Monmouth County,
New Jersey

Citizenship: United States of America

Post Office Address: ~~2349 N. 58th Street~~ 94 Wharfside Manor
~~Seattle, Washington 98103~~ Monmouth Beach, New Jersey
07750

10046243-01602

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application serial no. 09/303,266
Filed: April 30, 1999
For: Method For Combining Communication
Beams In A Wireless Communication
System

**REVOCATION OF PRIOR POWERS OF ATTORNEY,
NEW POWER OF ATTORNEY, AND
IDENTIFICATION OF CORRESPONDENCE ADDRESS**

AT&T Wireless Services, Inc., the assignee of the above-referenced application, hereby revokes all powers of attorney or authorizations of agent previously given in the above-referenced application. Please recognize the practitioners identified below as attorneys or agents to prosecute the application and to transact business in the United States Patent and Trademark Office connected therewith:

Kathleen J. Buckley, Registration No. 40,539;
Brian S. Mudge, Registration No. 40,738;
Robert L. Hails, Jr., Registration No. 39,702; and
all other practitioners identified at customer no. 23,838.

Please send all correspondence for the application to the address identified for customer no. 23,838.

Please change the new docket number associated with this application to 11917/13801.

STATEMENT UNDER 37 CFR 3.73 (b)

AT&T Wireless Services, Inc. states that it is the assignee of the entire right, title and interest in the above-referenced patent application by virtue of the assignment from the inventors which was recorded in the United States Patent and Trademark Office at Reel 9951, Frame 820, a copy of which is attached.

The undersigned is authorized to act on behalf of the assignee.

Respectfully submitted,

Date: August 14, 2001



Kathleen J. Buckley
Assistant Secretary of AT&T Wireless
Services, Inc.

ASSIGNMENT AND AGREEMENT

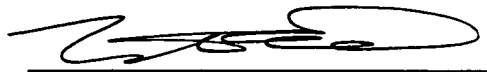
For value received, we, Titus Lo, of Redmond in the County of King and State of Washington, Dennis Rosenauer, of Redmond in the County of King and State of Washington, and Douglas Frank Stolarz, of ^{Monmouth Beach} ~~Seattle~~ in the County of ^{Monmouth} ~~King~~ and State of ^{New Jersey} ~~Washington~~, hereby sell, assign and transfer to AT&T Wireless Services, Inc., a corporation of the State of Delaware, having an office at 7277 164th Avenue NE, Redmond, Washington 98052, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **A Method For Combining Communication Beams In A Wireless Communication System**, described in an application for Letters Patent of the United States, executed by us of even date herewith and based on our prior provisional application Serial No. 60/113,931, filed December 24, 1998, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to AT&T Wireless Services, Inc., the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions. *DL*

We authorize AT&T Wireless Services, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Wireless Services, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to AT&T Wireless Services, Inc. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Wireless Services, Inc. may designate.

We agree that, when requested, we shall, without charge to AT&T Wireless Services, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


Titus Lo

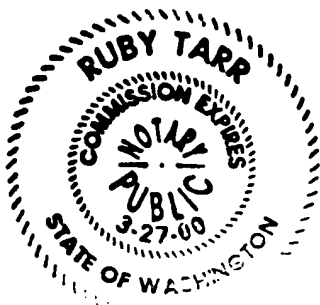
Date: 4/21/99

United States of America)

State of Washington)ss:

County of King)

On this 21st day of April, 1999 before me personally came Titus Lo, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.




Notary Public

10046243.011602

10046243-011602


Dennis Rosenauer

Date: 4/21/99

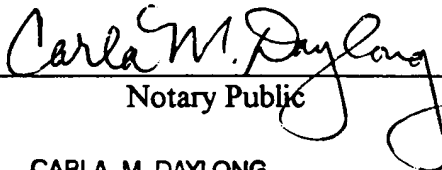
United States of America)

State of Washington)ss:

County of King)

On this 21st day of April, 1999, before me personally came Dennis Rosenauer, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.




Notary Public

CARLA M. DAYLONG
MY APPOINTMENT EXPIRES: 4-28-01

Dough F. Stolarz
Douglas Frank Stolarz

Date: 4/23/99

United States of America)

State of NEW YORK)ss:

County of RICHMOND)

On this 23rd day of APRIL, 1999, before me personally came Douglas Frank Stolarz, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Miriam Cancemi
Notary Public

MIRIAM CANCEMI
Notary Public, State of New York
No. 43-4933688
Qualified in Richmond County
Commission Expires June 20, 2000

10046243-011602



SHD
113446
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 20, 1999

PTAS



101039892A

AT&T CORP.
MR. S. H. DWORETSKY
P.O. BOX 4110
MIDDLETOWN, NJ 07748

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/30/1999

REEL/FRAME: 009951/0820
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
LO, TITUS

DOC DATE: 04/21/1999

ASSIGNOR:
ROSENAUER, DENNIS

DOC DATE: 04/21/1999

ASSIGNOR:
STOLARZ, DOUGLAS FRANK

DOC DATE: 04/23/1999

ASSIGNEE:
AT&T WIRELESS SERVICES, INC.
7277 164TH AVENUE NE
REDMOND, WASHINGTON 98052

SERIAL NUMBER: 09303266
PATENT NUMBER:

FILING DATE: 04/30/1999
ISSUE DATE:

AT&T PATENT	
JUL 30 1999	
DOCKETED BY	mer
DIRECT MANAGED	
NOT DOCKETED	
PREVIOUSLY DOCKETED	
PREVIOUSLY ABANDONED	

03-04-1999 IN

009951/0820 PAGE 2

LAWAN FLETCHER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS